

IN THE CLAIMS:

Please amend Claims 1, 16, 26, 35, 37, 40, 48, 50 and 51, and add Claims 52 to 60 as follows. The claims, as pending in the subject application read as follows:

1. (Currently Amended) A context sensitive device for selecting a desired service from a plurality of ~~like~~ services each having an attribute depending upon a context of said each service, the context sensitive device comprising:

a card portion having a surface onto which is formed a user interpretable icon; and

electronic apparatus attached to said card portion, said electronic apparatus comprising:

a memory in which are retained a plurality of data items each including contextual information associated with a context of a corresponding one of said ~~like~~ services, each of said plurality of data items being associated with said icon;

processor means coupled to said memory means; and

communication means for coupling said processor means to a reading device configured to facilitate operation of said context sensitive device,

wherein said processor means is configured to relate signals (a) generated from a user selection of said icon and (b) received via said communication means with at least one of said retained data items to thus transmit an output signal having contextual information associated with the desired service and enable performance of the desired service based on said contextual information.

2. (Previously Presented) A context sensitive device according to claim 35, wherein the reading device further comprises a transceiver apparatus for receiving and analyzing said output signal in order to enable or reject a performance of said desired service based on said contextual information.

3. (Original) A context sensitive device according to claim 2, wherein said transceiver apparatus is coupled to said context sensitive device via a communications channel.

4. (Previously Presented) A context sensitive device according to claim 35, wherein said performance of said desired service is enabled if the contextual information in the output signal matches the actual context of the desired service, otherwise transmission of another said output signal having contextual information matching the actual context of the desired service is requested.

5. (Previously Presented) A context sensitive device according to claim 35, wherein said performance of said desired service is enabled if contextual information in the output signal falls within a predetermined range, otherwise transmission of another said output signal having contextual information matching the actual context of the desired service is requested.

6. (Previously Presented) A context sensitive device according to claim 4, wherein said processor means compares said plurality of data items with a subsequently received data item upon said request for transmission of another said output signal.

7. (Previously Presented) A context sensitive device according to claim 6, wherein said processor means is configured to transmit another output signal based on said comparison of said plurality of data items with said subsequently received data item.

8. (Previously Presented) A context sensitive device according to claim 35, further comprising additional user interpretable icons wherein said icons comprise a first set of icons providing for user generation of said retained data items, and a second set of icons corresponding to those said icons associated with said retained data items.

9. (Original) A context sensitive device according to claim 8, wherein said first set of icons depict at least an alphanumeric character set.

10. (Previously Presented) A context sensitive device according to claim 9, wherein said first set of icons further depicts at least one control function associated with forming said signals generated from user selection of said icons.

11. (Original) A context sensitive device according to claim 8, wherein said second set of icons each comprise an image.

12. (Previously Presented) A context sensitive device according to claim 8, wherein said signals generating from user selection of said icons comprise position information of said icons on said surface and said memory means and processor means together perform a mapping function to associate said position information with individuals characters of said data items to thereby interpret a user selection of a plurality of icons of said first set with one of said data items.

13. (Previously Presented) A context sensitive device according to claim 35, wherein said reading device comprises a touch panel configured to overlay said surface and through which said icons are visible to said user.

14. (Previously Presented) A context sensitive device according to claim 35, wherein said contextual information is related to position.

15. (Previously Presented) A context sensitive device according to claim 35, wherein said contextual information is related to time.

16. (Currently Amended) A method of using a context sensitive device to enable performance of a desired service from a plurality of ~~like~~ services each having an attribute depending upon a context of said each service, said context sensitive device comprising:

    a card portion having a surface onto which is formed user interpretable icon;  
and

electronic apparatus attached to said card portion, said electronic apparatus comprising:

a memory in which are retained a plurality of data items each including contextual information associated with a context of a corresponding one of said ~~like~~ services, each of said plurality of data items being associated with said icon;

processor means coupled to said memory means; and

communication means for coupling said processor means to a reading device configured to facilitate operation said context sensitive device;

said method comprising the steps of:

(a) relating signals generated from a user selection of said icon and received via said communication means with at least one of said retained data items including associated said contextual information;

(b)[(d)] transmitting an output signal including said at least one retained data item, wherein said output signal indicates said desired service;

(c)[(e)] comparing said contextual information in the output signal to an actual context of the desired service; and

(d)[(f)] enabling said performance of said desired service based on said comparison.

17. (Previously Presented) The method according to claim 16, wherein said reading device further comprises a transceiver apparatus for receiving and analyzing said output signal in order to carry out said comparison and thus to enable performance of said desired service based on said comparison.

18. (Original) The method according to claim 17, wherein said transceiver apparatus is coupled to said context sensitive device via a communications channel.

19. (Previously Presented) The method according to claim 16, wherein said performance of said desired service is enabled if said contextual information in the output signal matches the actual context of the desired service, otherwise transmission of another said output signal having contextual information matching the actual context of the desired service is requested.

20. (Previously Presented) The method according to claim 16, wherein said performance of said desired service is enabled if said portion of contextual information falls within a predetermined range, otherwise transmission of another said output signal having contextual information matching the actual context of the desired service is requested.

21. (Previously Presented) The method according to claim 19, comprising the further step of comparing said plurality of data items with a subsequently received data item upon said request for transmission of another said output signal.

22. (Previously Presented) The method according to claim 21, comprising the further step of transmitting another output signal based on said comparison of said plurality of data items with said subsequently received data item.

23. (Previously Presented) A method according to claim 16, wherein said reading device comprises a touch panel configured to overlay said surface and through which said icons are visible to said user.

24. (Previously Presented) The method according to claim 16, wherein said contextual information is related to position.

25. (Previously Presented) The method according to claim 16, wherein said contextual information is related to time.

26. (Currently Amended) A context sensitive device for selecting a desired service from a plurality of ~~like~~ services each having an attribute depending upon a context of said each service, the context sensitive device comprising:

a card portion having a surface onto which is formed a user interpretable icon and an electronic apparatus attached to said card portion, said electronic apparatus comprising:

a memory in which are retained a plurality of data items each including contextual information associated with a context of a corresponding one of said ~~like~~ services, each of said plurality of data items being associated with said icon;

processor means coupled to said memory means; and

communication means for coupling said processor means to a reading device configured to facilitate operation of said context sensitive device,

wherein said processor means is configured to transmit, upon selection of the icon, an output signal including contextual information from one of the retained data items, for indicating the desired service based on said contextual information.

27. (Previously Presented) A context sensitive device according to claim 26, wherein the reading device further comprising a transceiver apparatus for receiving and analyzing said output signal in order to enable or reject a performance of said desired service based on said contextual information.

28. (Original) A context sensitive device according to claim 27, wherein said transceiver apparatus is coupled to said context sensitive device via a communications channel.

29. (Previously Presented) A context sensitive device according to claim 26, wherein said performance of said desired service is enabled if said contextual information in the output signal matches the actual context of the desired service, otherwise transmission of another said output signal having contextual information matching the actual context of the desired service is requested.

30. (Previously Presented) A context sensitive device according to claim 26, wherein said performance of said desired service is enabled if said contextual information falls within a predetermined range, otherwise transmission of another said



output signal having contextual information matching the actual context of the desired service is requested.

31. (Previously Presented) A context sensitive device according to claim 29, wherein said processor means is configured to compare said plurality of data items with a subsequently received data item upon said request for transmission of another said output signal.

32. (Previously Presented) A context sensitive device according to claim 31, wherein said processor means is configured to transmit another output signal based on said comparison of said plurality of data items with said subsequently received data item.

33. (Previously Presented) A context sensitive device according to claim 26, wherein said contextual information is related to position.

34. (Previously Presented) A context sensitive device according to claim 26, wherein said contextual information is related to time.

35. (Currently Amended) A context sensitive device for selecting a desired service from a plurality of ~~like~~ services each having an attribute depending upon a context of said each service, the context sensitive device comprising:

a card portion having a surface onto which is formed a user interpretable icon;

a memory in which are retained at least a plurality of data items each including contextual information associated with a context of a corresponding one of said ~~like~~ services, each of said data items being associated with said icon; and

communication means for coupling said memory to a processor means of a reading device configured to facilitate operation of said context sensitive device,

wherein said processor means is configured to relate signals (a) generated from a user selection of said icon and (b) received via said communication means, with at least one of said retained data items to thus transmit an output signal having contextual information associated with the desired service and enable performance of the desired service based on said contextual information.

36. (Cancelled)

37. (Currently Amended) A context sensitive service provision system for providing a desired service from a plurality of ~~like~~ services each having an attribute depending upon a context of said each service, the system comprising:

a control template, adapted for insertion into a template reader, the template (i) having a user selectable control icon, and (ii) storing a plurality of data items associated with said icon, each said data item incorporating contextual information associated with a context of a corresponding one of said ~~like~~ services;

said reader, being responsive to a user selection of said control icon of an inserted said control template, said reader being adapted to communicate a signal including one of said associated data items; and

a service provision device, responsive to a communicated said signal, and adapted to provide a service corresponding to the associated data item dependent upon the contextual information contained in said communicated signal.

38. (Original) A context sensitive service provision system according to claim 37, wherein the reader and the service provision device are physically separate entities which communicate using a communication channel.

39. (Original) A context sensitive service provision system according to claim 37, wherein the reader and the service provision device are integrated into a single physical entity.

40. (Currently Amended) A control template, adapted for insertion into a template reader having an independent storage means, said template reader for use in a context sensitive service provision system for providing a desired service from a plurality of ~~like~~ services each having an attribute depending upon a context of said ~~like~~ services, the control template comprising:

a control indicium printed on a surface of the control template, the control indicium for use by a user when the control template is coupled to the template reader to thereby communicate a data item incorporating contextual information associated with the context of the desired one of said ~~like~~ services; and

storage means for storing a plurality of data items associated with said indicium, each said data item incorporating contextual information associated with a context of a corresponding one of said ~~like~~ services.

41. (Previously Presented) A context sensitive service provision system according to claim 37, wherein

the reader has reader contextual information associated therewith, said reader contextual information being communicated in the signal;

the service provision device has device contextual information associated therewith defining the actual context of the service provision device;

the service provision device is further adapted to provide the desired service if the device contextual information matches at least one of the contextual information and the reader contextual information contained in said communicated signal; and

the service provision device is further adapted to (i) communicate the device contextual information to the reader, and (ii) request at least one of updated contextual information and updated reader contextual information, if the device contextual information does not match at least one of the contextual information and the reader contextual information contained in said communicated signal.

42. (Previously Presented) A context sensitive service provision system according to claim 37, wherein said desired service is provided if at least one of the contextual information and the reader contextual information contained in said communicated signal falls within range defined by the device contextual information.

43. (Previously Presented) A context sensitive service provision system according to claim 37, wherein said control template further comprises a first set of user selectable control icons providing for user generation of data items, and a second set of user selectable control icons with which said data items are associated.

44. (Original) A context sensitive service provision system according to claim 37, wherein at least one of the reader contextual information, and the device contextual information are related to corresponding locations of said reader and said device.

45. (Original) A context sensitive service provision system according to claim 37, wherein at least one of the reader contextual information, and the device contextual information are related to a time at which the user selection of said at least one control icon takes place.

46. (Currently Amended) A method of providing a context sensitive service, said service being one of a plurality of ~~like~~ services each having an attribute depending upon a context of said each service, the method comprising steps of:

inserting a control template into a template reader, the template (i) having a user selectable control icon, and (ii) storing a plurality of data items associated with said icon, each said data item incorporating contextual information associated with a context of a corresponding one of said ~~like~~ service;

selecting, by a user, said control icon;

communicating, by said reader, in response to the user selection, a signal including said associated data item having contextual information associated with said context sensitive service;

receiving, by a service provision device, of said communicated signal; and

providing, by the service provision device, a service corresponding to the associated data item dependent upon the contextual information contained in said communicated signal.

47. (Previously Presented) A method of providing a context sensitive service according to claim 46, comprising further steps of:

communicating, by the reader, reader contextual information associated with the reader; wherein:

if device contextual information associated with the service provision device matches at least one of the contextual information and the reader contextual information contained in said communicated signal, the providing step is performed; and wherein:

if the device contextual information does not match at least one of the contextual information and the reader contextual information contained in said communicated signal, the providing step is preceded by the steps of:

communicating, by the service provision device, device contextual information to the reader; and

requesting, by the service provision device, at least one of updated contextual information and updated reader contextual information.

48. (Currently Amended) A computer readable medium for storing a program for a system providing a context sensitive service from a plurality of ~~like~~ services each having an attribute depending upon a context of said each service; wherein a control template is inserted into a template reader, the template (i) having a user selectable control icon, and (ii) storing a plurality of data items associated with said icon, each said data item incorporating contextual information associated with a context of a corresponding one of said services; and wherein said control icon is selected by a user, said program comprising:

code for a communicating step, for communicating, by said reader, in response to the user selection, a signal including said associated data item;

code for a receiving step, for receiving, by a service provision device, of said communicated signal; and

code for a providing step, for providing, by the service provision device, a service corresponding to the associated data item dependent upon the contextual information contained in said communicated signal.

49. (Previously Presented) A computer readable medium according to claim 48, further comprising:

code for a communicating step, for communicating, by the reader, reader contextual information associated with the reader;

code for a communicating step, for communicating, by the service provision device, device contextual information to the reader if the device contextual information does not match at least one of the contextual information and the reader contextual information contained in said communicated signal; and

code for a requesting step, for requesting, by the service provision device, at least one of updated contextual information and updated reader contextual information.

50. (Currently Amended) A computer readable medium for storing a program for using a context sensitive device to enable performance of a desired service from a plurality of ~~like~~ services each having an attribute depending upon a context of said each service, wherein said context sensitive device comprises:

[[i)] a card portion having a surface onto which is formed a user interpretable icon, and electronic apparatus attached to said card portion; said apparatus comprising:

(a) a memory in which are retained a plurality of data items each including contextual information associated with a context of a corresponding one of said ~~like~~ services, each of said data items being associated with said icon;

(b) processor means coupled to said memory means; and

(c) communication means for coupling said processor means to a reading device configured to facilitate operation of said context sensitive device;

said program comprising:



[[a)] code for a relating step for relating signals [[a)] (i) generated from a user selection of said icon and [(b)] (ii) received via said communication means, with at least one of said retained data items;

[(b)] code for a transmitting step for transmitting an output signal including said retained data item, wherein said output signal indicates said desired service;

[(c)] code for a comparing step for comparing said contextual information to the actual context of the desired service; and

[(d)] code for an enabling step for enabling said performance of said desired service based on said comparison.

51. (Currently Amended) A control template, adapted for insertion into a template reader connected to an environment for use in a context sensitive service provision system for providing a desired service from a plurality of ~~like~~ services each having an attribute depending upon a context of said plurality of ~~like~~ services, the environment having an independent storage means comprising an additional contextual information, the control template comprising:

a user selectable control icon; and

storage means for storing a plurality of data items associated with said control icon, each of said plurality of data items incorporating contextual information associated with a context of a corresponding one of said plurality of ~~like~~ services,

wherein the contextual information and the additional contextual information instigate a request for at least one of said plurality of ~~like~~ services.

52. (New) A method of transmitting information between a context sensitive device and one of a plurality of service devices, said method comprising the steps of:

selecting one of a plurality of services;

reading out a first data item from a memory of the context sensitive device, wherein said first data item includes first contextual information associated with a context of said selected service, and wherein said memory retains a plurality of data items, each of said data items including contextual information associated with a context of a corresponding one of said services;

transmitting an output signal including said read-out first data item to said service device;

judging whether or not to change the output signal based on information in a signal transmitted from said service device;

reading out a second data item from said memory, wherein said second data item includes second contextual information associated with a context of said selected service device; and

retransmitting the output signal including said read-out second data item to said service device.

53. (New) The method according to Claim 52, further comprising the step of comparing said contextual information in the output signal to said information in the signal transmitted from said service device, wherein said judging in said judging step judges whether or not to change the output signal based on said comparison.

54. (New) The method according to Claim 52, wherein said information in the signal transmitted from said service device is transmitted when the contextual information in the output signal transmitted from said context sensitive device differs from a context of said service device.

55. (New) A context sensitive device for transmitting an output signal to one of a plurality of service devices, said device comprising:

selecting means for selecting one of a plurality of services;

memory means for retaining a plurality of data items, each of said data items including contextual information associated with a context of a corresponding one of said services;

first reading means for reading out a first data item, from said memory means, said first data item including first contextual information associated with a context of said selected service;

transmitting means for transmitting the output signal including said read-out first data item to said service device;

judging means for judging whether or not to change the output signal based on information in a signal transmitted from said service device;

second reading means for reading out a second data item, from said memory means, said second data item including second contextual information associated with a context of said selected service; and

retransmitting means for retransmitting the output signal including said read-out second data item to said service device.

56. (New) The device according to Claim 55, further comprising comparing means for comparing said contextual information in the output signal to said information in the signal transmitted from said service device, where said judging means judges whether or not to change the output signal based on said comparison.

57. (New) The device according to Claim 55, wherein said information in the signal transmitted from said service device is transmitted when the contextual information in the output signal transmitted from said context sensitive device differs from a context of said service device.

58. (New) A method of transmitting information between a context sensitive device and one of a plurality of service devices, said method comprising the steps of:

selecting one of a plurality of services;

receiving information in a signal transmitted from said service device;

reading out a data item from a memory of the context sensitive device, said data item including contextual information associated with a context of said selected service included in said received signal; and

transmitting an output signal including said read-out data item to said service device to communicate between said context sensitive device and said service device for said selected service.

59. (New) The method according to Claim 58, further comprising the steps of:

comparing said contextual information in the output signal to said information in the signal transmitted from said service device; and  
judging whether or not to change the output signal based on said comparison.

60. (New) The method according to Claim 58, wherein said information in the signal transmitted from said service device is transmitted when the contextual information in the output signal differs from a context of said service device.